

## **ABSTRACT**

**[0016]** An electronic trigger for pyro testing has a mechanical relay that is normally open. The relay is fired by electronic logic that times out two seconds after attempting to close the relay to trigger a device, such as a device coupled to explosive material. This results in the relay returning to its normally open state. By virtue of the mechanical relay being in a normally open state, no current may pass through the relay after the logic times out. A display shows status of the trigger and a count down following user activation of an enable arm switch. The countdown is stopped upon activation of the abort switch, also preventing activation of the mechanical relay.